

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name City of La Puente	County Los Angeles		
Authorized Signature	Title 		
Type/Print Name of Person Signing	Date	Phone ()	
Person Completing This Form (please print or type)	Title 		
Affiliation:			
Mailing Address	City	State	ZIP Code
E-mail address			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved base-year:	2. Proposed new generation-based study year:
1990	1999
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:	
The study represents the City's best attempts to correct disposal errors (both under- and over-reporting) that has occurred in the Disposal Reporting System, and to accurately quantify diversion in the City. It is a step in the right direction, but the City is committed to making improvements to disposal reporting in future years, while continuing to fully implement its diversion programs, so that there is a more direct connection between the reported diversion rate and actual diversion program implementation.	

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. -57 %	Diversion rate calculated using new generation-based study	b. 22 %
For existing base year pounds/person/day based on generation	8.36	For new generation based study pounds/person/day based on generation	15.15
Residential generation 69 % Non-Residential generation 31 %		Residential generation 43 % Non-Residential generation 57 %	
Population existing generation-based study	36,955	Population new generation-based study	41,600

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The new diversion rate is more consistent with the City's diversion programs, including a 3-cart collection system in the residential sector, and good participation in diversion programs by the City facilities and the local businesses.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The diversion rate improvement is due to correction of some data that were wholly inaccurate.

7. Disposal Tonnage: (enter values)	42103	47478	Total
Residential	Non-Residential		
Please select the ONE choice below that best explains your disposal data and complete the required tables.			
a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)			
b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at http://www.ciwmrb.ca.gov/gcentral/forms/rytnmdrq.doc)			
c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at http://www.ciwmrb.ca.gov/gcentral/forms/rytnmdrq.doc)			

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes ,inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.
- *Please provide detailed non-Residential waste audit information in Section 9.

Diversion Activity	Type of record and location of record	Specific diversion factor used (if applicable)	Specified material type(s) Cst	Specified materials in one
Board's program diversion				
Program diversion				
Waste diversion				
Other diversion				
Residential Activities:				
Source Reduction				
Landfill diversion				
Classifying				
Other Residential source reduction (list each program separately)				
Diaper Service	2	Diapers	2 lbs/child/day	Survey of Diaper Service, City Offices
Enter program name				
Enter program name				
Enter program name				
Enter program name				
Subtotal Residential Source Reduction	2			0.0%
Recycling				

Diversion Activity	Aerial tons	Relative Percent to Total Generation	Specific Material Types (List operation-specific materials in order of highest tonnage)	Specific conversion factors used by source	Type of record and location of record
Please Use the Board's program types. The program type glossary is online at http://www.ci.mn.bea.gov/centraal/units/codes/reduced.htm	(N/A)	(AT Total Generation)			
Curbside Recycling			Mixed Paper, News Paper, Cardboard, Glass Containers, Plastic Containers, and Cans.	Actual tons from Hauler Report	Hauler Report, City Hall
Buyback centers	1560	1.4%	Aluminum, Glass, and Plastic	Actual tons from DOC Report	DOC Report, City Hall
Transfer Centers	1516	1.3%			

Type of record and location of record	Specific program or service	Contractor used (if applicable)	Source Reduction
Enter program name			
Subtotal Residential Recycling	3076	2.7%	
Green Waste Disposal			
Residential Composting			
Grass and Yard Waste	4247	Grass and Yard Clippings	Actual tons from Hauler Report
Other Residential Composting	17	Christmas Trees	County Christmas Tree Recycling Report
Other Residential composting (list each program separately)			
Enter program name			
Subtotal Residential Composting	4264	3.7%	
Non-Residential Activities:			
Source Reduction	107		See Section 9
Other non-Residential source reduction (list each program separately)			
School District Grasscycling	818	Grass Clippings	Survey of School District, City offices
		6.5 tons/acre/year	

Diversification Activity	Afghan tons	Relative Percent to Total Generation	Specific material types (List)	Specific conversion factor used and Source	Type of program and location of program
Please use the Board's program types. The program type glossary is online at: http://www.dumbarton.org/boards/glossary.htm		(Afghan tons Generation)			
City Facility Grasscycling	88	0.1%	Grass Clippings	6.5 tons/acre/year Survey of City Facilities, City offices	
Grasscycling at Golf Course	243	0.6%	Grass Clippings	6.5 tons/acre/year Survey of Golf Course, City offices	
Enter Program Name					
Subtotal Non-Residential Source Reduction	1256	1.1%			

Special Waste Generation	Source	Special Waste Factor used (if applicable)	Actual tons reported by the recycler	Recycler report, City Hall
Enter Program Name	Enter Program Name			
Enter Program Name	Enter Program Name			
Enter Program Name	Enter Program Name			
Subtotal Non-Residential Recycling	2528	2.2%		
Composting	13			
Other non-Residential recycling (list each program separately)				
Enter program name				
Enter program name				
Enter program name				
Enter program name				
Subtotal Non-Residential Composting	13	0.0%		
Subtotal Non-Residential Diversions	3803	3.3%		
Residential/Non-Residential Diversions Activities				
AOC	0	0.0%		Included in Residential Curbside Greenwaste and Christmas tree program.

Diversion Activity	Actual tons	Relative Percentage (All total)	Specific material type(s) listed operator or multiple materials in one box	Specific conversion factor used if any) and source	Type of recording position of reporting
Please Use the Board's program types The program type glossary is online at http://www.ci.la.ca.us/divrec/ra/ra.htm /codes/resource.htm					
Scrap metal					
Construction and demolition					
Landfill salvage	14262	12.4%	Asphalt and Concrete	Actual Tons reported by the Landfills	Reports from LA County Sanitation District, City Hall
Subtotal Residential/Non-Residential diversion	12262	12.4%			
Total Diversion Tons	24412	22.1%			
Total Disposal Tons from Sec.7	89581	77.9%			
Total Generation Tons (Div+Dis)	114993				

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type. Include copies of survey form(s) used.

Type of Non-Residential Generator	Audit Reference Number	Diversion Activity	Material Type	Associated Tonnage	Composting Tons	Total Diversion Tons	Percentage of Total Generation in Station 9	Survey Method
								Phone In Diversion On-Site (O) Other
Supermarket	29	Cardboard recycling, grease rendering, food composting, food donations, and toner cartridge return.		1	417	1	1.43	0.4%
Retail Trade - Food Store	77	Cardboard recycling, grease rendering, food composting, plastic bag and film recycling, toner cartridge return, and electronic files.		4	372	1	1.16	0.3%
Supermarket	15	Cardboard recycling		274		274	0.2%	0
Supermarket	26	Cardboard recycling, grease rendering, toner cartridge returned, paper reuse, and food donations.		0	246		246.07	0.2%
Retail Trade-Food Store	1	Cardboard recycling, air filter recycling, food scrap rendering, toner cartridge return, and double sided copying.		0	91	11	11.22	0.3%
Retail Trade-General Merchandise	36	Cardboard recycling, grease rendering, and toner cartridge return		0	94		94	0
Services Retail	30	Tire recycling, electronic inventory, and paper reuse.		0	63		63	0.1%
Auto Dealer	80	Tire recycling, and paper reduction		0	55		55	0.0%
Services-Other	51	Cardboard recycling, paper reuse, and donations		0	52		52	0.0%
Retail Trade-Food Store	74	Glass recycling, grease rendering, aluminum cans recycling, cardboard reuse, paper reuse, food donations, toner cartridge return		10	40		40	0.0%
	Totals:			16.03	1702.22	13.04	13.04	0

Summarize the non-residential diversion activities quantification methodology and applicable conversion factors.

Cardboard Recycling - Businesses 29, 77, 15, 26, 1, 36, and 51

Businesses 29, 77, 26, 1, and 36 reported the number of bales of cardboard recycled per week. A conversion factor of 500 lbs/bale was used.

Business 15 reported the number of bales of cardboard recycled per day. A conversion factor of 500 lbs/bale was used.

Business 51 the City did not provide conversion factors for this business.

Grease and Food Scrap Rendering - Businesses 29, 77, 26, 1, 36, 74

Businesses 29 and 77 reported the number of 55 gallon drums they send to be rendered per week. A conversion factor of 8 lbs/gallon was used per week. A conversion factor of 8 lbs/gallon was used every two weeks. A conversion factor of 8 lbs/gallon was used.

Business 1 reported the number of 55 gallon drums they send to be rendered per week. A conversion factor of 412 lbs/55 gallons was used.

Business 36 reported the number of 55 gallon drums they send to be rendered per month. A conversion factor of 8 lbs/gallon was used.

Business 74 the City did not provide conversion factors for this business.

Plastic Recycling - Business 77

Business 77 reported the number of pounds per week of plastic bags and film that they recycle.

Food Composting - Businesses 29 and 77

Businesses 29 and 77 reported the number of pounds of food they send to composting per week.

Food and other Donations - Businesses 29, 26, 51, and 74

Businesses 29 and 26 reported the number of pounds per month that they donate.

Businesses 51 and 74 the City did not provide conversion factors for these businesses.

Toner Cartridge Return - Businesses 29, 77, 26, 1, 36, and 74

Business 1 reported the number of toner cartridges returned for reuse each year. The conversion factor of 4 lbs/cartridge was used.

Businesses 29, 26, 77, and 36 reported the number of toner cartridges returned for reuse each month. The conversion factor of 4 lbs/cartridge was used.

Business 74 the City did not provide conversion factors for this business.

Paper reduction and reuse, Double Sided Copying, and Electronic Files and Inventory - Businesses 77, 26, 1, 30, 80, 51, and 74

Business 77 use electronic purchase orders. They report saving 10 pages/order and have 10 orders/day. A conversion factor of 5 lbs/500 pages was used.

Business 26 reported the number of pages saved by reusing one sided paper for note pads. A conversion factor of 5 lbs/500 pages was used.

Business 1 reported that they reduce one ream/week through double sided copies. The conversion factor of 5 lbs/ream was used.

Business 30 reported that they save one 100 page list per year through electronic inventory, and paper savings by paper reuse of 35 pages/week. A conversion factor of 5 lbs/500 pages.

Businesses 80, 51, and 74 the City did not provide conversion factors for this business.

Air Filter Recycling - Business 1

Business 1 reported that they recycle 30 air filters/month. A conversion factor of 1 lb/air filter was used.

Tire Recycling - Businesses 30 and 80

Business 30 reported that they send 135 tires/day to a tire hauler. They reported 95% car tires and 5% large truck tires. The company that collects the tires reported that they recycle approximately 13% of the tires they receive. Conversion factors of 21 lbs/car tire and 70 lbs/truck tire were used.

Business 80 the City did not provide conversion factors for this business.

CRV Recycled - Business 74

Business 74 the City did not provide conversion factors for this business.

Cardboard Reuse - Business 74

Business 74 the City did not provide conversion factors for this business.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids	Landfill Salvage	1991	14262
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.)

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
 - That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]).
 - The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (**Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Note: Any staff recommended changes to conversion factors are not reflected in this spreadsheet. The only changes included are staff recommended changes to diversion tonnages. For changes to conversion factors or diversion quantification methodologies please refer to Attachment 3 of the Board Agenda Item.

Agenda Item
Attachment 2b

City of La Puente

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
1	Retail Trade-Food Store	OCC recycled	280.800	280.800	tons/yr.			
1		Food scraps recycled	10.710	10.710	tons/yr.			
1		Air filters recycled	0.180	0.180	tons/yr.			
1		Wood pallets reused	41,600	0.000	tons/yr.			
1		2-sided copying	0.390	0.390	tons/yr.			
1		Toner cartridges	0.040	0.040	tons/yr.			
1		Food scraps recycled	0.120	0.120	tons/yr.			
1		Uniforms	2,210	0.000	tons/yr.			
1		Bulletin Board	0.010	0.000	tons/yr.			
1		E-mail	0.010	0.000	tons/yr.			
1		E-POs	0.030	0.000	tons/yr.			
1		E-invoices/CH	0.090	0.000	tons/yr.			
2	Retail Trade-Restaurant	Grease recycled	17.160	17.160	tons/yr.			
2		OCC recycled	0.490	0.490	tons/yr.			
2		Milk/used for food services	0.764	0.000	tons/yr.			
2		Old food reused	2.740	0.000	tons/yr.			
2		Uniforms reused	0.870	0.000	tons/yr.			
2		Fluorescent lights	0.0075	0.0000	tons/yr.			
2		Cloth towels reused	0.098	0.098	tons/yr.			
3	Wholesale Trade	Cardboard boxes reused	84.240	84.240	tons/yr.			
3		Cardboard boxes recycled by scavengers and employees	32.760	32.760	tons/yr.			
3		13 pallets reused 5-6 times per day	278.690	0.000	tons/yr.			
3		12 pallets reused once per week	7.650	0.000	tons/yr.			
3		Recycled plastic containers	0.045	0.045	tons/yr.			
3		Paper reduction from computer networking	0.060	0.000	tons/yr.			
3		Uniforms	5.460	0.000	tons/yr.			
4	Services-Hotel/ Lodging	Cardboard boxes recycled	3.640	3.640	tons/yr.			
4		Cardboard boxes reused	3.640	3.640	tons/yr.			
4		Aluminum cans recycled	1.147	1.147	tons/yr.			
4		HDPE & PET plastic containers recycled	0.130	0.130	tons/yr.			
4		CA redemption value recycled	0.520	0.520	tons/yr.			
4		Cloth towels reused	4.100	0.000	tons/yr.			
4		Bedding sheets	5.460	0.000	tons/yr.			
5	Services-Other	OCC recycled	0.470	0.470	tons/yr.			
5		Uniforms	2.080	0.000	tons/yr.			
5		Cloth towels	0.150	0.000	tons/yr.			
6	Retail Trade-Food Store	OCC recycled	1.300	1.300	tons/yr.			
6		Pallets reused	27.213	0.000	tons/yr.			
7	Services-Other	Aluminum cans recycled	0.0096	0.0096	tons/yr.			
7		Raised plastic crates	1,5600	0.0000	tons/yr.			
7		Recycled OCC	1,950	1,950	tons/yr.			
7		Batteries recycled	35.854	0.000	tons/yr.			
								1.96

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
8	Retail Trade-Food Store	Sunday Paper	2.280	2.280	tons/yr.			
8		Aluminum cans recycled	0.068	1.068	tons/yr.			
8		Newspapers	0.532	0.532	tons/yr.			
8		Cardboard boxes recycled	3.120	3.120	tons/yr.			
8		Wooden pallets reused	1.275	0.000	tons/yr.			
8		OCC reused	1.250	1.250	tons/yr.			
8		Repairs items	0.155	0.000	tons/yr.			
8		E-mail	0.160	0.000	tons/yr.			
8		Food reused	1.820	0.000	tons/yr.			
9	Retail Trade-General Merch	Pallets reused	11.480	0.000	tons/yr.			
9		000 boxes recycled	45.500	45.500	tons/yr.			
9		Cardboard container for coke reused	3.120	0.000	tons/yr.			
9		Plastic containers for soft drinks reused	2.500	0.000	tons/yr.			
10	Retail Trade-Food Store	OCC	27.300	27.300	tons/yr.			
10		Plastic crates reused	4.160	0.000	tons/yr.			
10		Cloth towels reused	0.013	0.000	tons/yr.			
11	Retail Trade-Food Store	OCC recycled	7.280	7.280	tons/yr.			
11		Aluminum cans	0.039	0.039	tons/yr.			
11		Plastics recycled	2.164	2.184	tons/yr.			
11		Fluorescent lights	0.078	0.000	tons/yr.			
11		Returned food	0.0008	0.0008	tons/yr.			
12	Services-Other	Aluminum cans	0.029	0.029	tons/yr.			
12		Pallets recycled	0.780	0.780	tons/yr.			
12		Boots donated	0.060	0.060	tons/yr.			
12		Desks, chairs, computers (given away)	0.150	0.150	tons/yr.			
12		Fluorescent lights	0.006	0.000	tons/yr.			
12		Paper - scratch reused	0.936	0.936	tons/yr.			
12		Paper - small	0.016	0.000	tons/yr.			
12		Update inventory	0.016	0.016	tons/yr.			
12		Toner cartridges	0.006	0.006	tons/yr.			
12		E-faxing	0.00234	0.00000	tons/yr.			
12		Bulletin Board	0.00114	0.000	tons/yr.			
13	Retail Trade-Food Store	OCC reused	1.274	1.274	tons/yr.			
13		OCC recycled	5.460	5.460	tons/yr.			
13		Bulletin Board	0.004	0.000	tons/yr.			
13		Pallets reused	13.613	0.000	tons/yr.			
13		Aprons reused	0.130	0.000	tons/yr.			
13		Cloth towels reused	0.130	0.000	tons/yr.			
13		Fluorescent lights	0.0025	0.00000	tons/yr.			

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
14	Retail Trade-Restaurant	Grease reused	28.860	28.860	ton/syr.			
14		OCC recycled	2.730	2.730	ton/syr.			
14		Paper reused	0.0065	0.0065	ton/syr.			
14		Bulletin Board	0.156	0.000	ton/syr.			
14		E-mail	0.320	0.000	ton/syr.			
14		OCC reused	0.820	0.820	ton/syr.			
14		Pallets reused	9.075	0.000	ton/syr.			
14		Food reused	8.190	0.000	ton/syr.			
14		Fluorescent lights	0.009	0.000	ton/syr.			
14		Cloth towels reused	0.910	0.000	ton/syr.			
14		Uniforms reused	6.370	0.000	ton/syr.			
15	Retail Trade-General Merc	Cardboard boxes recycled	78.000	78.000	ton/syr.			
15		Pallets recycled	246.850	246.850	ton/syr.			
15		Food donation	0.730	0.730	ton/syr.			
15		Fluorescent lights	0.030	0.000	ton/syr.			
15		Uniforms reused	5.280	0.000	ton/syr.			
16	Retail Trade-Restaurant	Grease	4.440	4.440	ton/syr.			
16		OCC recycled	0.980	0.980	ton/syr.			
16		Bulletin board	0.00624	0.00000	ton/syr.			
16		Direct deposit checking account	0.0035	0.00000	ton/syr.			
16		Plastic containers for food processing	3.200	0.000	ton/syr.			
16		Multiple services for food items	0.5092	0.5092	ton/syr.			
16		Food reused	1.820	0.000	ton/syr.			
16		Uniforms reused	5.460	0.000	ton/syr.			
16		Cloth towels	1.024	0.000	ton/syr.			
17	Services-Other	Batteries rebuilt (recycled)	40.980	40.980	ton/syr.			
17		Pallets reused	24.190	0.000	ton/syr.			
17		Aluminum cans recycled	0.049	0.049	ton/syr.			
17		Returned merchandise	1.190	0.000	ton/syr.			
17		Plastic crates reused	3.900	0.000	ton/syr.			
17		OCC recycled	10.920	10.920	ton/syr.			
17		OCC reused	0.130	0.130	ton/syr.			
17		Paper - scratch reused	0.0104	0.0104	ton/syr.			
17		Purchase order (by computer) -	0.0013	0.00000	ton/syr.			
17		Inventory every day by computer	0.910	0.910	ton/syr.			
18	Retail Trade-General Merc	Cardboard boxes recycled	34.130	34.130	ton/syr.			
18		Cardboard boxes reused	0.390	0.390	ton/syr.			
18		Pallets reused	16.280	0.000	ton/syr.			
18		Food reused	0.550	0.000	ton/syr.			

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
19	Services-Other	Cardboard recycled	1.170	1.170	tons/yr.			
19		Paper reused	0.0078	0.0078	tons/yr.			
19		Electronic P.O.	0.00078	0.00000	tons/yr.			
19		Returned products to warehouse	0.130	0.000	tons/yr.			
19		Toner cartridges	0.0075	0.0075	tons/yr.			
19		OCC reused	0.019	0.019	tons/yr.			
19		Pallet reused every day	43.680	0.0000	tons/yr.			
19		Fluorescent lights	0.0045	0.0000	tons/yr.			
19		Update inventory	0.012	0.012	tons/yr.	0.04	1.18	1.22
20	Services-Medical/Health	Aluminum cans	0.102	0.102	tons/yr.			
20		Paper reuse	0.096	0.096	tons/yr.			
20		OCC reused	0.030	0.030	tons/yr.			
20		Repair items	2.080	0.000	tons/yr.			
20		Fluorescent lights	0.100	0.000	tons/yr.			
20		Patient gown	3.280	0.000	tons/yr.			
20		Pallets reused	19.440	0.000	tons/yr.			
20		Lab Coats	2.340	0.000	tons/yr.	0.13	0.10	0.23
21	Retail Trade-Restaurant	Grease recycled	12.570	12.870	tons/yr.			
21		OCC recycled	4.780	4.780	tons/yr.			
21		Plastic containers reused	3.823	0.000	tons/yr.			
21		OCC reused	0.182	0.182	tons/yr.			
21		Uniforms reused	1.310	0.000	tons/yr.			
21		Cloth towels reused	0.570	0.000	tons/yr.			
21		Multiple used food services	0.680	0.680	tons/yr.			
21		Fluorescent lights	0.003	0.000	tons/yr.	0.86	17.65	18.51
22	Retail Trade-Restaurant	OCC recycled	3.640	3.640	tons/yr.			
22		Repair items	0.450	0.000	tons/yr.			
22		Grease/food scraps recycled	7.420	7.420	tons/yr.			
22		Uniforms reused	5.280	0.000	tons/yr.			
22		Fluorescent lights	0.025	0.000	tons/yr.			
22		Cloth towels reused	0.683	0.000	tons/yr.	0.00	11.06	11.06
23	Retail Trade-Other	OCC recycled	2.912	2.912	tons/yr.			
23		Sent back for repair	48.230	0.000	tons/yr.	0.00		
23		Fluorescent lights	0.016	0.000	tons/yr.	0.00	2.91	2.91
24	Retail Trade-Food Store	OCC recycled	8.190	8.190	tons/yr.			
24		OCC reused	1.082	1.092	tons/yr.			
24		Plastic crates reused	26.520	0.000	tons/yr.			
24		Update inventory	0.0026	0.0026	tons/yr.			
24		Toner cartridges	0.009	0.009	tons/yr.			
24		Food returned	0.260	0.000	tons/yr.			
24		Uniform reused	2.840	0.000	tons/yr.			
24		Cloth towels reused	0.122	0.000	tons/yr.			
24		Fluorescent lights	0.015	0.000	tons/yr.	1.09	8.20	9.29

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
25	Retail Trade-Food Store	Food donated	5.200	5.200	tons/yr.			
25		OCC recycled	0.108	0.108	tons/yr.			
25		OCC reused	0.135	0.135	tons/yr.			
25		Pallets reused	3.230	0.000	tons/yr.			
26	Retail Trade-Restaurant	OCC recycled	260.000	260.000	tons/yr.			
26		Grease recycled	11.440	11.440	tons/yr.			
26		Notepad reused	0.026	0.026	tons/yr.			
26		Bulletin board	0.03042	0.00000	tons/yr.			
26		Toner cartridges	0.012	0.012	tons/yr.			
26		Pallets reused	188.850	0.000	tons/yr.			
26		Food donation	0.200	0.200	tons/yr.			
26		Containers reused	38.220	0.000	tons/yr.			
26		Plastic crates reused	42.900	0.000	tons/yr.			
26		Uniforms reused	8.010	0.000	tons/yr.			
26		Fluorescent lights	0.030	0.000	tons/yr.			
26		Cloth towels reused	0.460	0.000	tons/yr.			
27	Retail Trade-Food Store	Cardboard boxes recycled	5.460	5.460	tons/yr.			
27		Pallets reused	27.230	0.000	tons/yr.			
27		Food donation	0.021	0.021	tons/yr.			
28	Retail Trade-Building Mater	Reusable pallets	38.638	0.000	tons/yr.			
28		Reusable wooden and metal crates	30.160	0.000	tons/yr.			
28		Returned products	2.600	2.600	tons/yr.			
28		Donated products	0.400	0.400	tons/yr.			
28		Uniforms reused	4.590	0.000	tons/yr.			
28		Fluorescent lights	0.015	0.000	tons/yr.			
28		OCC recycled	38.220	38.220	tons/yr.			
28		Aluminum cans recycled	0.048	0.048	tons/yr.			
28		Memo routing	0.03354	0.03354	tons/yr.			
28		Scrap metal	0.025	0.000	tons/yr.			
28		Reusable note pad	0.0273	0.0273	tons/yr.			
28		Bulletin board	0.0458	0.00000	tons/yr.			
28		Update inventory	0.065	0.065	tons/yr.			
28		Returned toner cartridges	0.0072	0.0072	tons/yr.			
				3.13	3.13			
				38.28	38.28			
					41.40			

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
29	Retail Trade-Restaurant	Toner cartridges	0.0096	0.0096	tons/yr.			
29		Food donation	0.600	0.600				
29		Old food returned (composting)	1.300	1.300				
29		Uniforms reused	29.300	0.000				
29		Cloth towels reused	6.830	0.000				
29		Plastic crates reused	495.850	0.000				
29		Coke containers reused	14.870	0.000				
29		Bread containers reused	26.750	0.000				
29		Food processing containers reused	50.960	0.000				
29		Cardboard boxes recycled	468.000	468.000				
29		Wooden pallets reused	167.380	0.000				
29		Plastic pallets reused	51.500	0.000				
29		Grease resale	1.670	1.670				
29		Grease recycled	22.880	22.880				
29		Fluorescent lights	0.030	0.000				
29		Electronic deposit	0.0182	0.0000				
29		E-faxing	0.140	0.000				
30	Services-Other	Scrap metal recycled by scavengers	3.900	3.900	tons/yr.			
30		Tires recycled	480.820	480.820	tons/yr.			
30		Paper reused	0.0091	0.0091	tons/yr.			
30		Bulletin board	0.0097	0.0000	tons/yr.			
30		E-mail	0.0454	0.0000	tons/yr.			
30		Update inventory	0.002	0.002	tons/yr.			
30		Pallets reused	3.090	0.000	tons/yr.			
30		Recycled batteries	15.732	0.000	tons/yr.			
30		Uniforms reused	1.134	0.000	tons/yr.			
30		Fluorescent lights	0.0075	0.0000	tons/yr.			
30		Rugs reused	0.450	0.000	tons/yr.			
31	Retail Trade-Food Store	OCC recycled	5.460	5.460	tons/yr.			
31		Aluminum cans recycled	0.027	0.027	tons/yr.			
31		Reusable OCC	0.780	0.780	tons/yr.			
31		Plastic crates	5.850	0.000	tons/yr.			
31		Metal crates/delivery meals & other dairy prod	6.370	0.000	tons/yr.			
31		Fluorescent lights	0.001125	0.000000	tons/yr.			
32	Retail Trade-General Merch	Aluminum cans recycled	0.702	0.702	tons/yr.			
32		Cardboard boxes recycled	97.500	97.500	tons/yr.			
32		Pallets reused	67.810	0.000	tons/yr.			
32		E-mail	1.092	0.000	tons/yr.			
32		Recycled advertising newspaper	0.0433	0.0433	tons/yr.			
32		Toner cartridges	0.780	0.780	tons/yr.			
32		Update inventory	0.0045	0.0045	tons/yr.			
32		Plastic crates reused	23.400	0.000	tons/yr.			
32		Returned old food	0.1625	0.0000	tons/yr.			
32		Uniforms reused	8.554	0.000	tons/yr.			
32		Fluorescent lights	0.195	0.000	tons/yr.			
								39.72
								-99.89-
								99.03

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
33	Retail Trade-Food Store	Plastic crates reused	8.580	0.000	tons/yr.			
33		Pallets reused	33.863	0.000	tons/yr.			
33		Cardboard boxes recycled	5.460	5.460	tons/yr.			
33		Food sent back	0.546	0.000	tons/yr.			
33		Cloth towels reused	0.244	0.000	tons/yr.			
33		Uniforms reused	3.549	0.000	tons/yr.			
33		Fluorescent lights	0.005	0.000	tons/yr.			
33		Crates for bread and dairy	3.640	0.000	tons/yr.			
34	Services-Other	Uniforms reused	1.092	0.000	tons/yr.			
34		OCC recycled	15.900	15.900	tons/yr.			
34		OCC reused	1.300	1.300	tons/yr.			
34		Scrap metals	31.200	0.000	tons/yr.			
34		White ledger paper reused	0.013	0.013	tons/yr.			
34		Bulletin board	0.074	0.000	tons/yr.			
34		E-mail	0.125	0.000	tons/yr.			
34		Electronic P.O.	0.00624	0.000000	tons/yr.			
34		Update inventory	0.06240	0.06240	tons/yr.			
34		Toner cartridges	0.005	0.005	tons/yr.			
34		Reusable wooden crates	21.840	0.000	tons/yr.			
34		Reusable metal crates	16.224	0.000	tons/yr.			
34		Plastic crates reused	19.500	0.000	tons/yr.			
34		Wooden pallets reused	158.810	0.000	tons/yr.			
34		Recycled tires	3.900	3.900	tons/yr.			
34		Batteries recycled	11.700	0.000	tons/yr.			
34		Fluorescent lights	0.015	0.000	tons/yr.			
34		Cloth towels reused	0.853	0.000	tons/yr.			
35	Retail Trade-General Merc	Pallets reused	32.190	0.000	tons/yr.			
35		Uniforms reused	1.100	0.000	tons/yr.			
35		Fluorescent lights	0.015	0.000	tons/yr.			
35		Food donation	0.070	0.070	tons/yr.			
35		Cardboard boxes recycled	36.400	36.400	tons/yr.			
35		Aluminum cans recycled	0.034	0.034	tons/yr.			
35		Cardboard reused	3.640	3.640	tons/yr.			
35		Plastic containers recycle HDPE In Pharmacy	0.090	0.090	tons/yr.			
35		Bulletin Board - paper reduction	0.572	0.000	tons/yr.			
35		Update inventory	26.000	26.000	tons/yr.			
35		Toner cartridges	0.006	0.006	tons/yr.			
35		Plastic crates reused	61.170	0.000	tons/yr.			
							6.13	
							36.53	
							29.71	
							66.24	

1999 City of La Puente Commercial/Industrial Waste Audits

City of La Puente

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Source Reduction	Recycling	Revised Total
36	Retail Trade-Restaurant	OCC recycled	520.000	520.000	tons/yr.		
36		Plastic containers (HDPE and PET) recycled	0.130	0.130	tons/yr.		
36		Aluminum cans recycled	0.130	0.130	tons/yr.		
36		Bulletin Board	0.0614	0.0000	tons/yr.		
36		Grease recycled	3.600	3.600	tons/yr.		
36		Reused plastic trays for breads	12.740	0.000	tons/yr.		
36		Reused plastic crates for storage and deliveries	150.150	0.000	tons/yr.		
36		File exchange	0.0192	0.0000	tons/yr.		
36		E-faxing	0.0091	0.0000	tons/yr.		
36		Toner cartridges	0.0096	0.0096	tons/yr.		
36		Pallets reused	142.370	0.000	tons/yr.		
36		Food returned	3.900	0.000	tons/yr.		
36		Uniforms reused	14.200	0.000	tons/yr.		
36		Fluorescent lights	0.030	0.000	tons/yr.		
36		Cloth towels	2.390	0.000	tons/yr.		
37	Retail Trade-Restaurant	Grease recycled	11.240	11.240	tons/yr.		
37		OCC recycled	4.550	4.550	tons/yr.		
37		Bulletin board	0.000702	0.000	tons/yr.		
37		Plastic containers - HDPE	0.090	0.090	tons/yr.		
37		Plastic containers - PET	0.030	0.030	tons/yr.		
37		Food ware	0.480	0.480	tons/yr.		
37		Fluorescent lights	0.0075	0.0000	tons/yr.		
37		Cloth towels reused	0.244	0.000	tons/yr.		
37		Repair items	0.230	0.000	tons/yr.		
38	Services-Medical/Health	Patient gown	5.460	0.000	tons/yr.		
38		OCC recycled	0.780	0.780	tons/yr.		
38		White ledger paper recycled	3.000	3.000	tons/yr.		
38		Aluminum cans recycled	0.01238	0.01238	tons/yr.		
38		Bulletin Board	0.043	0.000	tons/yr.		
38		E-mail	0.027	0.000	tons/yr.		
38		Lab Reports	0.0134	0.0000	tons/yr.		
38		Paper reused	0.104	0.104	tons/yr.		
38		Pallets reused	4.840	0.000	tons/yr.		
38		Lab Costs	4.420	0.000	tons/yr.		
38		Repair Items	1.950	1.950	tons/yr.		
38		Resell furniture and chairs	1.180	1.180	tons/yr.		
38		2 sided copying	0.312	0.312	tons/yr.		
38		Fluorescent lights	1.377	0.000	tons/yr.		
38		Rags	0.163	0.000	tons/yr.		
38		OCC reused	0.312	0.312	tons/yr.		
				3.79	3.79	7.65	

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
39	Services-Other	Aluminum cans	0.018	0.018	ton/yr.			
39		OCC recycled	1.170	1.170	ton/yr.			
39		E-mail	0.00624	0.0000	ton/yr.			
39		Pallets reused	2.1770	0.0000	ton/yr.			
39		Tires	5.460	5.460	ton/yr.			
39		Batteries	12.293	0.0000	ton/yr.			
39		Toner cartridges	0.0045	0.0045	ton/yr.			
39		Uniforms reused	0.940	0.0000	ton/yr.			
39		Rag recycled	0.490	0.490	ton/yr.			
40	Services-Other	Fluorescent lights	0.004	0.0000	ton/yr.			
40		Batteries recycled	2.364	0.0000	ton/yr.			
40		Pallets reused	31.180	0.0000	ton/yr.			
40		Books recycled	0.005	0.005	ton/yr.			
40		Aluminum cans recycled	0.030	0.030	ton/yr.			
40		OCC recycled	0.260	0.260	ton/yr.			
40		Scrap Metal	0.078	0.0000	ton/yr.			
40		Reusable paper	0.016	0.016	ton/yr.			
40		Tires recycled	13.650	13.650	ton/yr.			
40		Uniforms	0.260	0.0000	ton/yr.			
40		Cloth towels	0.293	0.0000	ton/yr.			
41	Retail Trade-Other	Aluminum cans recycled	0.082	0.082	ton/yr.			
41		OCC recycled	13.650	13.650	ton/yr.			
41		Paper reduction	0.018	0.018	ton/yr.			
41		Toner cartridges	0.008	0.008	ton/yr.			
41		Donated used blankets	0.054	0.054	ton/yr.			
41		Repaired items	6.681	0.0000	ton/yr.			
41		Fluorescent lights	0.018	0.0000	ton/yr.			
42	Retail Trade-Other	OCC recycled	19.500	19.500	ton/yr.			
42		Pallets recycled	0.980	0.980	ton/yr.			
42		Glass bottles recycled	0.045	0.045	ton/yr.			
42		Aluminum cans recycled	0.000338	0.000338	ton/yr.			
42		Reusable paper	0.015	0.015	ton/yr.			
42		Toner cartridges	0.013	0.013	ton/yr.			
42		Repair items	2.860	0.0000	ton/yr.			
42		Fluorescent lights	0.0023	0.00000	ton/yr.			
43	Retail Trade-Restaurant	Grease/food scrap	7.870	7.870	ton/yr.			
43		OCC reused	1.300	1.300	ton/yr.			
43		Food donation	0.520	0.520	ton/yr.			
43		Multiple service for food items	0.238	0.238	ton/yr.			
43		Uniforms donated	0.234	0.234	ton/yr.			
43		Uniforms reused	0.4732	0.0000	ton/yr.			
43		Fluorescent lights	0.002	0.0000	ton/yr.			
43		Cloth towels reused	0.026	0.0000	ton/yr.			

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Source Reduction	Recycling	Revised Total
44	Services-Other	Washing machine and dryer Cloth towels reused	1.842 0.156	0.000 0.000	tons/yr. tons/yr.		
44		Washing machine & dryer repaired in City	75.504	0.000	tons/yr.		
44		Fluorescent lights	0.009	0.000	tons/yr.		
45	Retail Trade-Food Store	Aluminum cans recycled OCC recycled HDPE & PET recycled	0.1024 1.820 0.039	0.1024 1.820 0.039	tons/yr. tons/yr. tons/yr.		
45		Reusable pallets (wooden pallets)	5.813	0.000	tons/yr.		
45		Food reused	0.910	0.000	tons/yr.		
45		Food scrap/grease recycled	16.070	16.070	tons/yr.		
45		Fluorescent lights	0.0045	0.00000	tons/yr.		
45		Cloth towels reused	0.390	0.000	tons/yr.		
46	Retail Trade-Restaurant	Grease/oil/food scraps Toner cartridge	5.460 0.004	5.460 0.004	tons/yr. tons/yr.		
46		Paper (500 filefolders reused)	0.020	0.020	tons/yr.		
46		Metals - equipment	2.250	0.000	tons/yr.		
46		Cloth (shirts)	2.500	0.000	tons/yr.		
46		Paper (2 sided copies)	0.200	0.200	tons/yr.		
46		Paper (eP.O.s)	0.0016	0.00000	tons/yr.		
46		Wood	10.400	10.400	tons/yr.		
46		Food donated	0.260	0.260	tons/yr.		
47	Retail Automotive Dealers	OCC recycled Batteries recycled Scrap metal recycled	0.130 7.200 13.000	0.130 0.000 0.000	tons/yr. tons/yr. tons/yr.		
47		Paper reused	0.006	0.006	tons/yr.		
47		Update inventory	0.022	0.022	tons/yr.		
47		Parts returned	1.950	0.000	tons/yr.		
47		Uniforms reused	0.780	0.000	tons/yr.		
47		Cloth towels reused	0.330	0.000	tons/yr.		
48	Services-Other	Lawnmowers (given away)	0.300	0.300	tons/yr.		
48		Lawnmowers (fixed)	10.478	0.000	tons/yr.		
48		Cloth	0.250	0.000	tons/yr.		
49	Retail Trade-General Merch	Cardboard boxes recycled Plastic crates reused	19.500 8.840	19.500 0.000	tons/yr. tons/yr.		
49		Plastic tote bins	15.600	0.000	tons/yr.		
49		Pallets reused	34.980	0.000	tons/yr.		
49		Bulletin Board	0.00048	0.00000	tons/yr.		
50	Services-Other	OCC recycled Scrap metal	1.300 1.170	1.300 0.000	tons/yr. tons/yr.		
50		Reusable old parts	0.590	0.000	tons/yr.		
50		Pallets reused	9.730	0.000	tons/yr.		
50		Cloth towels reused	0.244	0.000	tons/yr.		
							1.30
							1.30

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
51	Services-Other	OCC recycled	52.000	52.000	tons/yr.			
51		Scrap metal recycled	15.600	0.000	tons/yr.			
51		Reusable papers	0.130	0.130	tons/yr.			
51		Parts sent back	15.600	0.000	tons/yr.			
51		Pallets reused	77.940	0.000	tons/yr.			
51		Plastic crates reused	3.900	0.000	tons/yr.			
51		Donated parts	0.010	0.010	tons/yr.			
51		Fluorescent lights	0.003	0.000	tons/yr.			
52	Services-Other	Cardboard boxes recycled by scavengers	1.170	1.170	tons/yr.			
52		Scrap metal recycled by scavengers	6.500	6.500	tons/yr.			
52		Paper reused	0.00624	0.00624	tons/yr.			
52		Bulletin Board	0.00116	0.00000	tons/yr.			
52		E-mail	0.019	0.000	tons/yr.			
52		Tires recycled	14.550	14.550	tons/yr.			
52		Batteries recycled	15.340	0.000	tons/yr.			
52		Uniforms reused	0.624	0.000	tons/yr.			
52		Rags reused	0.490	0.000	tons/yr.			
52		Fluorescent lights	0.008	0.000	tons/yr.			
53	Services-Other	Fluorescent lights	0.00112	0.00000	tons/yr.			
53		Paper reused	0.0125	0.0125	tons/yr.			
53		Bulletin Board	0.0001	0.00000	tons/yr.			
53		2 sided copying	0.0023	0.0023	tons/yr.			
53		Toner cartridges	0.0040	0.0040	tons/yr.			
53		OCC reused	0.2500	0.2500	tons/yr.			
53		Plastic crates reused	8.4240	0.0000	tons/yr.			
53		Tires recycled	6.5800	6.5600	tons/yr.			
53		Batteries recycled	8.2000	0.0000	tons/yr.			
53		Reusable scrap metal	2.3400	0.0000	tons/yr.			
53		Uniforms reused	0.3120	0.0000	tons/yr.			
53		Cloth towels reused	0.193	0.000	tons/yr.			
54	Services-Other	Products returned to warehouse	7.800	0.000	tons/yr.			
54		Uniforms reused	3.640	0.000	tons/yr.			
54		Fluorescent lights	0.0075	0.0000	tons/yr.			
54		OCC recycled	9.3600	9.3600	tons/yr.			
54		Aluminum cans and bottles recycled	0.0300	0.0300	tons/yr.			
54		Paper reused	0.0150	0.0150	tons/yr.			
54		Bulletin Board	0.0010	0.0000	tons/yr.			
54		Electronic Purchasing	0.0018	0.0000	tons/yr.			
54		Update inventory	0.0390	0.0390	tons/yr.			
54		Plastic crates, reused in the store	18.2000	0.0000	tons/yr.			
54		Wooden pallet reused	32.1900	0.0000	tons/yr.			
54		Batteries recycled	64.5400	0.0000	tons/yr.			
54		Gaylords reused	5.100	5.100	tons/yr.			
						0.15	9.39	14.54

1999 City of La Puente Commercial/Industrial Waste Audits

City of La Puente

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
55	Services-Other	Aluminum cans recycled	0.020	0.020	ton/yr.			
55		OCC recycled	0.980	0.980	ton/yr.			
55		Scrap metal	3.470	0.000	ton/yr.			
55		Plastic containers (HDPE and PET)	0.650	0.650	ton/yr.			
55		Glass recycled	0.104	0.104	ton/yr.			
55		OCC reused	0.065	0.065	ton/yr.			
55		Tires recycled	1.092	1.092	ton/yr.			
55		Wheels reused	4.230	4.230	ton/yr.			
55		Batteries recycled	3.073	0.000	ton/yr.			
55		Uniforms reused	0.312	0.000	ton/yr.			
55		Rags reused	0.195	0.000	ton/yr.			
55		Fluorescent lights	0.002	0.000	ton/yr.			
56	Services-Other	Scrap metal recycled	1.240	0.000	ton/yr.			
56		OCC recycled	1.560	1.560	ton/yr.			
56		Batteries recycled	4.100	0.000	ton/yr.			
56		Uniforms reused	0.470	0.000	ton/yr.			
56		Cloth towels reused	0.293	0.000	ton/yr.			
56		Fluorescent lights	0.003	0.000	ton/yr.			
57	Services-Other	Tires recycled	31.304	31.304	ton/yr.			
57		Tires returned to warehouse	10.920	10.920	ton/yr.			
57		Uniforms reused	0.470	0.000	ton/yr.			
57		Rags reused	0.980	0.000	ton/yr.			
58	Services-Other	OCC recycled	0.260	0.260	ton/yr.			
58		Scrap metals recycled	7.800	0.000	ton/yr.			
58		Old tires	0.900	0.900	ton/yr.			
58		Wheels reused and resale	1.930	1.930	ton/yr.			
58		Uniforms reused	0.312	0.000	ton/yr.			
58		Repair items	0.150	0.000	ton/yr.			
58		Fluorescent lights	0.003	0.000	ton/yr.			
58		Rags reused	0.390	0.000	ton/yr.			
59	Retail Trade-Restaurant	Grease/food scrap	4.495	4.495	ton/yr.			
59		OCC recycled	0.910	0.910	ton/yr.			
59		Pallets reused	9.690	0.000	ton/yr.			
59		Cloth towel reused	0.226	0.000	ton/yr.			
59		Fluorescent lights	0.0125	0.0000	ton/yr.			
59		Multiple food services	0.5031	0.5031	ton/yr.			
60	Retail Automotive Dealers	Cardboard boxes recycled by scavengers	0.090	0.090	ton/yr.			
60		Scrap metal	0.960	0.000	ton/yr.			
60		Repaired items - sheet metals, fans	1.200	0.000	ton/yr.			
60		Uniforms reused	0.624	0.000	ton/yr.			
60		Rags reused	0.075	0.000	ton/yr.			
60		Broken glass recycled	0.390	0.390	ton/yr.			
61	Services-Other	Repair items in the City	77.840	0.000	ton/yr.			
61		Rags reused	0.008	0.000	ton/yr.			
61		Fluorescent lights	0.066	0.000	ton/yr.			
61		OCC recycled	0.160	0.160	ton/yr.			
				0.16	ton/yr.			

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
62	Retail Trade-Restaurant	Grease recycled	22.500	22.500	tons/yr.			
62		OCC recycled	1.638	1.638	tons/yr.			
62		Food reused	1.370	1.370	tons/yr.			
62		Cloth towels reused	0.640	0.000	tons/yr.			
62		Fluorescent lights	0.009	0.000	tons/yr.			
62		Uniforms reused	3.3124	0.00000	tons/yr.			
63	Retail Trade-Restaurant	Grease recycled	6.000	6.000	tons/yr.			
63		Rags reused	0.120	0.000	tons/yr.			
63		Uniforms reused	3.076	0.000	tons/yr.			
63		OCC recycled	4.100	4.100	tons/yr.			
63		Food reused	0.364	0.364	tons/yr.			
63		2 sided copying	0.130	0.130	tons/yr.			
63		Paper reused	0.0364	0.0364	tons/yr.			
64	Retail Trade-Restaurant	Newspaper	1.820	1.820	tons/yr.			
64		Oil/grease/food scraps	7.520	7.520	tons/yr.			
64		Cardboard	3.190	3.190	tons/yr.			
64		Food svc	0.410	0.410	tons/yr.			
64		Towels	0.040	0.000	tons/yr.			
65	Services-Other	Scrap metal	0.182	0.000	tons/yr.			
65		OCC recycled	0.780	0.780	tons/yr.			
65		Cloth towels reused	0.488	0.000	tons/yr.			
65		Uniforms reused	0.156	0.000	tons/yr.			
66	Services-Other	Cardboard boxes recycled	0.910	0.910	tons/yr.			
66		Uniforms reused	0.728	0.000	tons/yr.			
66		Products returned to warehouse	0.040	0.000	tons/yr.			
66		Fluorescent lights	0.012	0.000	tons/yr.			
66		Update inventory	0.0008	0.0008	tons/yr.			
66		Paycheck direct deposit	0.000052	0.000000	tons/yr.			
66		Electronic faxing	11.740	0.000	tons/yr.			
67	Retail Trade-Restaurant	2 sided copying	0.300	0.300	tons/yr.			
67		Bulletin board	0.030	0.000	tons/yr.			
67		Cardboard recycled	18.200	18.200	tons/yr.			
67		Cloth recycled	2.290	2.290	tons/yr.			
67		Oil/scraps	1.240	1.240	tons/yr.			
68	Retail Trade-Restaurant	Cloth	0.520	0.520	tons/yr.			
68		Shirts	0.390	0.390	tons/yr.			
68		Oil/food scraps/grease	2.040	2.040	tons/yr.			
69	Services-Other	Wood pallets (given away)	2.640	2.640	tons/yr.			
69		OCC - stacks	0.750	0.750	tons/yr.			
69		OCC - Reusable boxes	0.300	0.300	tons/yr.			
69		Metal cans	0.020	0.020	tons/yr.			
69		Metal plates	1.800	0.000	tons/yr.			

1999 City of La Puente Commercial/Industrial Waste Audits

City of La Puente

No.	Type of Business*	Material Type	Original Survey Quantity	Revised Quantity	Source Reduction	Unit	Recycling	Revised Total
70	Retail Trade-Restaurant	Cardboard	0.750	0.750		tons/yr.		
70		Oil/grease/food scraps	4.850	4.850		tons/yr.		
70		Paper	0.170	0.170		tons/yr.		
70		Aprons	0.390	0.000		tons/yr.		
70		Towels	0.310	0.000		tons/yr.		
71	Services-Hotel/Lodging	Towels and sheets	7.644	0.000		tons/yr.		
71		Items donated	0.025	0.025		tons/yr.		
71		Fluorescent lights	0.075	0.000		tons/yr.		
72	Retail Trade-Restaurant	Cloth - shirts	0.260	0.260		tons/yr.		
72		Cloth - aprons	0.520	0.000		tons/yr.		
72		Oil/grease/food scraps	0.450	0.450		tons/yr.		
73	Services-Hotel/Lodging	Bed sheets and towels donated	0.060	0.060		tons/yr.		
73		Telephone books recycled	0.075	0.075		tons/yr.		
73		HDPE recycled	0.063	0.063		tons/yr.		
73		PET recycled	0.063	0.063		tons/yr.		
73		Glass beverage containers	0.013	0.013		tons/yr.		
73		OCC recycled	0.039	0.039		tons/yr.		
73		OCC reused	0.098	0.098		tons/yr.		
73		Cloth towels reused	0.016	0.00000		tons/yr.		
73		Towels reused for rooms occupancy	19.110	0.000		tons/yr.		
73		Repaired items	0.300	0.000		tons/yr.		
74	Retail Trade-Food Store	Oil/food scraps/grease (given away for recycle)	37.280	37.280		tons/yr.		
74		Aluminum cans (given away for recycle)	0.090	0.090		tons/yr.		
74		Glass (given away for recycle)	2.500	2.500		tons/yr.		
74		Paper-OCC (reduction/reuse)	10.400	10.400		tons/yr.		
74		Paper-onepads (reduction/reuse)	0.030	0.030		tons/yr.		
74		Food (given away)	0.040	0.040		tons/yr.		
74		Cloth towels	1.300	0.000		tons/yr.		
74		Toner cartridges (recycling)	0.003	0.003		tons/yr.		
75	Retail Trade-Food Store	OCC recycled	6.825	6.825		tons/yr.		
75		OCC reused	6.825	6.825		tons/yr.		
75		Plastic containers reused to ship vegies from inside store to	9.830	0.000		tons/yr.		
75		Cloth towels reused	0.280	0.000		tons/yr.		
76	Retail Trade-Restaurant	Fluorescent lights	0.006	0.000		tons/yr.		
76		OCC recycled	1.911	1.911		tons/yr.		
76		Newspaper recycled	0.4325	0.4325		tons/yr.		
76		Bulletin board	0.00208	0.00000		tons/yr.		
76		Grease recycled	14.300	14.300		tons/yr.		
76		Reusable OCC boxes	0.520	0.520		tons/yr.		
76		Food services for multiple uses	0.4243	0.4243		tons/yr.		
76		Uniform reused	0.910	0.000		tons/yr.		
76		Cloth towels reused	0.2535	0.2535		tons/yr.		
				0.94	16.64		17.59	

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
77	Retail Trade-Food Store	Crates for water	29.250	0.000	ton/syr.			
77		Fluorescent lights	0.030	0.000	ton/syr.			
77		Cloth towels	0.570	0.000	ton/syr.			
77		Files 10 employees	3.900	3.900	ton/syr.			
77		Uniforms	7.007	0.000	ton/syr.			
77		Wooden pallets reused (every day)	1365.000	0.000	ton/syr.			
77		Wooden pallets reused (2-3 times/week)	483.750	0.000	ton/syr.			
77		Plastic pallets used everyday	136.500	0.000	ton/syr.			
77		Plastic pallets used 2-3 times/week	48.380	0.000	ton/syr.			
77		Grease recycled	11.440	11.440	ton/syr.			
77		Milk crates	109.200	0.000	ton/syr.			
77		Coke containers	32.500	0.000	ton/syr.			
77		Bread containers	4.370	0.000	ton/syr.			
77		Plastic bags/films/other plastic materials	2.600	2.600	ton/syr.			
77		OCC recycled	819.000	819.000	ton/syr.			
77		Food composting	0.910	0.910	ton/syr.			
77		Bulletin board	0.126	0.000	ton/syr.			
77		E-mail	0.450	0.000	ton/syr.			
77		Toner cartridges	0.021	0.021	ton/syr.			
77		Electronic purchase order	0.150	0.000	ton/syr.			
78	Services-Other	OCC recycled	0.780	0.780	ton/syr.			
78		Scrap Metal recycled	1.500	1.500	ton/syr.			
78		Papers reused	0.0078	0.0078	ton/syr.			
78		OCC reused	0.117	0.117	ton/syr.			
78		Toner cartridges	0.0072	0.0072	ton/syr.			
78		Fluorescent lights	0.003	0.000	ton/syr.			
78		Rags reused	0.094	0.000	ton/syr.			
79	Retail Trade-Other	OCC paper (given away)	2.080	2.080	ton/syr.			
79		Clothes (given away)	0.400	0.400	ton/syr.			
79		Hangers	1.200	1.200	ton/syr.			
79		Routing memos	0.0002	0.0000	ton/syr.			
79		Catalog (no longer printed)	0.001	0.001	ton/syr.			
						0.12	2.29	2.41
								-2.44
								0.91
								3.68

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
80	Retail Automotive Dealers	Paper reduce	0.195	0.195	tons/yr.			
80		Tires recycled	54.600	54.600	tons/yr.			
80		Batteries recycled	4.730	0.000	tons/yr.			
81	Retail Trade-Food Store	Fluorescent lights	0.0075	0.0000	tons/yr.			
81		Aluminum cans recycled	0.0117	0.0117	tons/yr.			
81		Update inventory	0.0073	0.0073	tons/yr.			
81		Reusable milk crates	1.300	0.000	tons/yr.			
81		OCC recycled	16.250	16.250	tons/yr.			
81		Reusable soft drink crates	3.250	0.000	tons/yr.			
81		Reusable OCC	1.040	1.040	tons/yr.			
82	Services-Other	OCC recycled	39.000	39.000	tons/yr.			
82		Pallets reused everyday (once per day)	54.430	0.000	tons/yr.			
82		Lawnmowers repaired in the City	15.600	0.000	tons/yr.			
82		Rags reused	0.332	0.000	tons/yr.			
83	Services-Other	Scrap metal	6.500	0.000	tons/yr.			
83		Cloth towels reused	0.390	0.000	tons/yr.			
83		Batteries recycled	10.244	0.000	tons/yr.			
83		OCC recycled	1.560	1.560	tons/yr.			
83		Fluorescent lights	0.005	0.000	tons/yr.			
83		Uniforms reused	0.312	0.000	tons/yr.			
84	Retail Trade-Food Store	OCC recycled	0.780	0.780	tons/yr.			
84		OCC reused	0.234	0.234	tons/yr.			
84		Plastic crates reused	2.730	0.000	tons/yr.			
84		Wooden crates reused	4.680	0.000	tons/yr.			
84		Fluorescent lights	0.006	0.000	tons/yr.			
84		Cloth towels	0.163	0.000	tons/yr.			
85	Retail Trade-Restaurant	Paper - 2 sided copying	0.163	0.000	tons/yr.			
85		Paper - E.P.O.	0.300	0.300	tons/yr.			
85		Food donation	0.010	0.000	tons/yr.			
86	Retail Trade-Other	OCC recycled	1.560	1.560	tons/yr.			
86		Returned newspaper	9.020	9.020	tons/yr.			
86		Reusable plastic crates in the store	14.820	0.000	tons/yr.			
86		Fluorescent lights	0.006	0.000	tons/yr.			
87	Retail Trade-Restaurant	OCC recycled	7.800	7.800	tons/yr.			
87		Aluminum cans recycled	0.012	0.012	tons/yr.			
87		Food scrap/grease	14.283	14.283	tons/yr.			
87		Fluorescent lights	0.075	0.000	tons/yr.			
87		Cloth towels reused	0.480	0.000	tons/yr.			
87		Uniforms reused	1.660	0.000	tons/yr.			
88	Retail Trade-Restaurant	Reusable shipping containers	0.156	0.156	tons/yr.			
88		OCC recycled	0.273	0.273	tons/yr.			
88		Recycled newspaper	0.650	0.650	tons/yr.			
88		Cloth towels reused	1.024	1.024	tons/yr.			
88		Multiple used from food services	0.205	0.205	tons/yr.			
88		Fluorescent lights	0.0004	0.0004	tons/yr.			
88		Grease recycle	1.440	1.440	tons/yr.			

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
89	Services-Other	Batteries recycled	1.8912	0.0000	ton/syr.			
89		OCC recycled	0.260	0.260	ton/syr.			
89		Scrap metal recycled	0.270	0.000	ton/syr.			
89		Uniforms reused	0.156	0.000	ton/syr.			
89		Rags reused	0.980	0.000	ton/syr.			
90	Retail Trade-Other	Wood (from windows, given away)	0.650	0.650	ton/syr.			
90		Glass (given away)	1.300	1.300	ton/syr.			
90		Aluminum (taken by scavengers)	3.900	3.900	ton/syr.			
91	Services-Other	OCC reused	0.156	0.156	ton/syr.			
91		Pallets reused	10.890	0.000	ton/syr.			
91		Tires recycled	1.365	1.365	ton/syr.			
91		Batteries recycled	2.561	0.000	ton/syr.			
91		Wheels reused and sent to warehouse	1.625	1.625	ton/syr.			
91		Uniforms reused	0.312	0.000	ton/syr.			
91		Cloth towels reused	0.195	0.195	ton/syr.			
91		Fluorescent lights	0.00075	0.00000	ton/syr.			
92	Retail Trade-Food Store	Cardboard	1.840	1.840	ton/syr.			
92		Newspaper	0.760	0.760	ton/syr.			
92		Aluminum	0.600	0.600	ton/syr.			
93	Retail Trade-Restaurant	Paper reduction	0.050	0.050	ton/syr.			
93		Food donation	1.300	1.300	ton/syr.			
93		Cloth-donated	0.010	0.010	ton/syr.			
93		Dine-in	0.070	0.000	ton/syr.			
93		Metal - repair items	0.060	0.000	ton/syr.			
94	Retail Trade-Restaurant	Paper (recycle)	0.230	0.230	ton/syr.			
94		Glass (given away) recycle	0.910	0.910	ton/syr.			
94		Cloth (aprons)	1.100	0.000	ton/syr.			
94		Oil/grease/food scraps	0.060	0.060	ton/syr.			
95	Retail Trade-Other	Returned video tapes to the warehouse (?)	2.100	2.100	ton/syr.			
95		Returned video tapes to the warehouse (?)	2.100	2.100	ton/syr.			
95		Recycled cardboard boxes	3.180	3.180	ton/syr.			
95		Uniforms reused	2.730	0.000	ton/syr.			
95		Bulletin board	0.0073	0.0000	ton/syr.			
95		Inventory update	0.054	0.054	ton/syr.			
96	Manufact.-Industrial Machine	File exchange	0.104	0.104	ton/syr.			
96		E-mail	0.031	0.000	ton/syr.			
96		E-faxing	0.026	0.000	ton/syr.			
96		Fluorescent lights	0.003	0.000	ton/syr.			
96		Cardboard boxes containers recycled 10%	78.000	78.000	ton/syr.			
96		Cardboard boxes containers recycled 90%	702.000	702.000	ton/syr.			
96		Reused pallets	35.625	0.000	ton/syr.			
96		Toner cartridges	0.039	0.039	ton/syr.			
96		Donation	0.070	0.070	ton/syr.			
96		Aluminum cans recycled	0.098	0.098	ton/syr.			
96		2 sided copying	0.144	0.144	ton/syr.			
96		Memo routing	0.057	0.000	ton/syr.			
96		Bulletin board	0.001	0.000	ton/syr.			
				0.21	760.24			760.24
								-380.48-
								0.00

1999 City of La Puente Commercial/Industrial Waste Audits

No.	Type of Business	Material Type	Original Survey Quantity	Revised Quantity	Unit	Source Reduction	Recycling	Revised Total
97	Retail Trade-Restaurant	Grease/food scraps	8,030	8,030	tons/yr.			
97		OCC	3,900	3,900	tons/yr.			
97		Metal crates reused	22,750	0,000	tons/yr.			
97		Multiple food services	1,800	1,800	tons/yr.			
97		Uniform reused	2,370	0,000	tons/yr.			
97		Rags reused	0,210	0,000	tons/yr.			
98	Services-Other	Aluminum cans recycled	0,050	0,050	tons/yr.			
98		OCC	2,600	2,600	tons/yr.			
98		Pallets reused	10,890	0,000	tons/yr.			
98		Batteries recycled	13,320	0,000	tons/yr.			
98		Uniform reused	0,160	0,000	tons/yr.			
98		Bags reused	0,634	0,000	tons/yr.			
99	Office services	Reused containers	280,800	0,000	tons/yr.			
99		Reused pallets	187,050	0,000	tons/yr.			
99		Desks reused	0,450	0,450	tons/yr.			
99		Uniforms reused	39,000	0,000	tons/yr.			
99		Bulletin board	12,792	0,000	tons/yr.			
99		E-mail	0,260	0,000	tons/yr.			
99		E-faxing	0,078	0,000	tons/yr.			
99		Coffee Mugs reused	0,244	0,244	tons/yr.			
99		Equipment donated	0,200	0,200	tons/yr.			
99		2-sided copying	0,043	0,043	tons/yr.			
99		Routing memos	1,248	1,248	tons/yr.			
99		Toner cartridges	0,024	0,024	tons/yr.			
99		Bags reused for mail delivery	46,800	46,800	tons/yr.			
99		Rags reused	0,195	0,000	tons/yr.			
99		Reusable notepads	0,016	0,016	tons/yr.			
99		Tires recycled	34,410	34,410	tons/yr.			
99		Uniforms reused car maintenance	1,720	0,000	tons/yr.			
99		Batteries recycled	14,780	0,000	tons/yr.			
Total			11989.865	5385.675				
					271.654	5114.021	-6385.675-	2,647.13